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नई दिल्ली, शनिवार, जनवरी 9, 1971 (पोष 19, 1892)
NEW DELHI, SATURDAY, JANUARY 9, 1971 (PAUSA 19, 1892)

इस भाग में भिन्न पृष्ठ संख्या दी जाती है जिससे कि यह अलग संकलन के रूप में रखा जा सके
(Separate paging is given to this Part in order that it may be filed as a separate compilation)

भाग III—खण्ड 2 PART III—SECTION 2

पेटेंट कार्यालय द्वारा जारी की गई पेटेंटों और डिजाइनों से सम्बन्धित अधिसूचनाएं और नोटिस
Notifications and Notices issued by the Patent Office relating to Patents and Designs

THE PATENT OFFICE Patents and Designs

Calcutta, the 9th January, 1970

Application for Patents

The dates shown in crescent brackets are the dates claimed under Section 78A of the Act.

19th December 1970

- 129660. J. C. Kattakayam. A process for the manufacture of french polish without alcoholic spirit.
- 129661. English Steel Corporation Limited. Improvements in or relating to railway bogies.
- 129662. Farbenfabriken Bayer Aktiengesellschaft. New cresol derivatives and their use.
- 129663. Farbenfabriken Bayer Aktiengesellschaft. Vulcanization process.
- 129664. Farbenfabriken Bayer Aktiengesellschaft. Readily dispersible inorganic pigments.
- 129665. Council of Scientific and Industrial Research. Improvements in or relating to luminescent materials (phosphors) for the use fluorescent tube lights.
- 129666. P. V. Hattangdi. Anti-bar device for looms with warpstop motion.
- 129667. Mrs. Usha Madan. Semiautomatic folding frame (like cot). [Addition to No. 114791].

21st December 1970

- 129668. K. S. S. Lahary. Use on cycle as shock absorber for rear wheel ensuring safety of fork and bottom axel.

- 129669. J. P. Agarwal. Improvements in or relating to stoppers for bottles or like containers.
- 129670. Joseph Lucas (Industries) Limited. Electrical systems for road vehicles. (30th December 1969).
- 129671. Imperial Chemical Industries Limited. Electrode. (13th January 1970).
- 129672. Pirelli Societa Per Azioni. Method and apparatus for work-hardening restoration in welded components.
- 129673. Electrolytic Zinc Company of Australasia Limited. An improved method of removing dissolved ferric iron from iron-bearing solutions (15th May 1970).
- 129674. Domnick Hunter (Engineers) Limited. Improved filter cartridge for fluids.
- 129675. Atlas Copco Aktiebolag. A pressure fluid operated percussion tool.
- 129676. The Director, Jute Technological Research Laboratories. Indian Council of Agricultural Research. Particle board from agricultural waste products.
- 129677. S. D. Patel. An improved tractor driven cultivator and subsoiler.
- 129678. R. Chawla. Wide angle mirror.
- 129679. R. Chawla. Safety back buzzer.
- 129680. L. C. Curtis. Improvements in or relating to semi-flexible wear-resistant rubber pipes used for the conveyance of corrosive or abrasive solutions or pulp under moderate pressure.
- 129681. L. C. Curtis. Improvements in or relating to replaceable liners for use in grinding mills.
- 129682. Bhabha Atomic Research Centre. The removal of the finest particulate matter from air, namely "high efficiency particulate Air Filter".

L407GI/70

129683. F. Hoffmann-La Roche & Co., Aktiengesellschaft. Benzodiazepine derivatives.
129684. H. F. A. Topsoe and Fluor Corporation. Catalytic steam cracking of hydrocarbons and catalysts therefor. (23rd December 1969).
129685. H. F. A. Topsoe and Fluor Corporation. Catalytic steam cracking of hydrocarbons and catalysts therefor. (23rd December 1969).
129686. Pierre Bret and Catherine Suck. Improvements in or relating to valves.
129687. Midland-Ross Corporation. Railway car coupler.
129688. Ciba-Geigy AG. New dioxazines and processes for their manufacture.
129689. F. Hoffmann-La Roche & Co., Aktiengesellschaft. Process for the manufacture of polyene compounds.

22nd December 1970

129690. Swami Pramathananda. Internal admission steam engine.
129691. F. Webb. Improvements in or relating to the manufacture of filter holders for cigarettes, cigars, and cheroots.
129692. I. A. Traders (India). Improved petrol tank cap with lock.
129693. Ciba-Geigy Limited. Process for the production of new thiepine derivatives.
129694. Glaxo Laboratories Limited. Improvements in or relating to antibiotics. (23rd December 1969).
129695. Joseph Lucas (Industries) Limited. Full wave rectifier assemblies. (31st December 1969).
129696. The Dunlop Company Limited. Improvements in or relating to pneumatic tyres. [Divisional date 17th July 1969].
129697. Ugué Kuhlmann. Production of reaction products of phosphoric acid, urea, and ammonia.
129698. A. J. Electronics and Mrs. Vijaya Pandurang Abhyankar. Improvements in or relating to a method of bonding metallic sheets or strips.
129699. Farbwerke Hoechst Aktiengesellschaft vormals Meister Lucius & Bruning. 4, 5a-oxido-bufa-dienolido-3-[rhamnosido-2', 3'-dialkylorthocarbonates] and process for their manufacture.
129700. N. V. Philips' Gloeilampenfabrieken. Improvements in and relating to methods of manufacturing insulated gate field effect transistors. (24th December 1969).
129701. Farbwerke Hoechst Aktiengesellschaft vormals Meister Lucius & Bruning. Process for the dyeing or printing of textile materials made from polymers or copolymers of acrylonitrile. [Addition to No. 127754].
129702. Texaco Development Corporation. Catalytic cracking of naphtha.
129708. H. K. Porter Company, Inc. Isolating circuit breaker.
129709. Ateliers De La Motobecane. Improvements in engine mountings for autocycles.
129710. Simon-Carves Limited. Improvements in apparatus for performing the immiscible refrigerant freeze process for purifying water. (30th December 1969).
129711. Esso Research and Engineering Company. Uracil phosphate and barbiturate phosphate pesticides and process for their preparation.
129712. Westinghouse Electric Corporation. Improvements in improved blue lumen maintenance combination and phosphor treatment method.
129713. Veb Bandstahlkombinat. Improvements in or relating to variable flow deflectors.
129714. Veb Bandstahlkombinat. Improvements in or relating to variable flow deflectors mixture.
129715. Farymann Diesel Farny & Weidmann. Improvements in or relating to inlet ducts for internal combustion engines.

24th December 1970

129716. Mrs. Vatsala Raghunath Pol. Arotics machine (Automatic rotating index card system).
129717. Joseph Lucas (Industries) Limited. Dynamo electric machines. (31st December 1969).
129718. Farbenfabriken Bayer Aktiengesellschaft. Agents for controlling microorganisms.
129719. Farbenfabriken Bayer Aktiengesellschaft. Agents for controlling microorganisms.
129720. Stamicarbon N. V. Integrated process for the preparation of urea and melamine.
129721. National Distillers and Chemical Corporation. Radiation control process and apparatus for radiation polymerization apparatus.
129722. National Distillers and Chemical Corporation. Stirrer and radioactive source for polymerization reactor.
129723. Rea Corporation. Feed system.
129724. Council of Scientific and Industrial Research. Improvements in or relating to a method for the extraction of nickel from the lateritic nickel ores.
129725. Texaco Development Corporation. Catalytic cracking of hydrocarbons.
129726. Texaco Development Corporation. Catalytic cracking of hydrocarbons.
129727. K. S. Venkatasubbliah. Leakproof, pilferproof sealing for metallic containers.
129728. Ciba-Geigy Ag. Monoazo compounds, their manufacture and use.
129729. F. Hoffmann-La Roche & Co., Aktiengesellschaft. Isoquinoline derivatives.
129730. Ecodyne Corporation. Stabilizing cation resins.
129731. Societe D'Etudes Scientifiques Et Industrielles De L'Ile-de-France. Process for the preparation of 2-alkoxy-5-halobenzonitriles and 5-halobenzimidic acids. [Divisional date 21st January 1967].
129732. Tabai Manufacturing Company, Limited. Method and apparatus for controlling temperature and humidity in temperature and humidity chamber.
129733. M. N. Mistry. Improvements in or relating to loom switch.

Alteration of Date

128809. Ante-dated to 15th March 1969 under Section 5 of the Act.

128810. Ante-dated to 15th March 1969 under Section 5 of the Act.
128811. Ante-dated to 15th March 1969 under Section 5 of the Act.
128812. Ante-dated to 15th March 1969 under Section 5 of the Act.
128813. Ante-dated to 15th March 1969 under Section 5 of the Act.
120356. The claim to priority date 18th March 1968 has been abandoned and the application dated as of 15th March 1969, the date of filing in India.

Applications Accepted

Notice is hereby given that all persons interested in opposing the grant of patents on any one of the applications referred to below may at any time within four months of the date of the Gazette of India give notice to the Patent Office in the prescribed form No. 6 of the Indian Patents and Designs Rules, 1933, of such opposition.

A limited number of printed copies of the specifications in the following list will be available for sale from the Government of India Book Depot, 8, Hastings Street, Calcutta, in due course. The price of each specification is Rs. 2 (postage extra, if sent out of India). Requisition for the supply of printed specifications should be accompanied by the numbers of specifications as shown in the following list.

If required typed copies of the specifications together with copies of drawings, if any, can be supplied by the Patent Office on payment of the necessary charges which may be ascertained on application to the office.

The dates shown in crescent brackets are the dates allowed under Section 78-A of the Act.

111323. Nestlé's Products Limited. Composite materials and process for their preparation. Accepted on 19th December 1970.

A composite material comprising a continuous phase consisting essentially of a porous structure of a dry substance, there being included within the pores of said structure at least one further substance, different from the first, which has been dried by freezing and lyophilisation "in situ".

120042. Vinar Limited. Racks. Accepted on 25th November 1970.

Comprising a pair of uprights between which is laterally arranged at least one shelf member provided with at least one hook on its either end, the uprights having slots along their height to receive the hooks, said shelf member comprising a base member having an angle shaped bent portion on either ends and a pair of end plates each having an U-shaped portion at the bottom thereof for receiving the bent portion of the base member.

120356. Imperial Chemical Industries Limited. Process for the manufacture of bipyridyls. Accepted on 15th December 1970.

Reacting the corresponding substituted pyridine with ammonia in the vapour phase.

120369. Monsanto Company. Inhibiting premature vulcanization of diene rubbers and diene rubber vulcanizable compositions. Accepted on 17th December 1970.

*Sulfenomides like *n, n*-di (phenylthio) acceleramide and *N*-(phenylthio) benzamides are used as the inhibitors of premature (vulcanization).*

120416. Agripat S. A. New herbicidal 2-alkylthio-4, 6-diamino-s-triazines process for their production and herbicides containing the same. Accepted on 19th December 1970.

Comprises reacting a 2-chloro-s-triazine with thiourea and dimethyl sulphate of diethyl sulphate in the presence of a basic substance.

120442. Siegner Aktiengesellschaft Geisweid. Eisenkonstruktion Brückenbau, Verzinkeret. A method for

cooling cracking gas, synthesis gas and similar gases, and a heat exchanger therefor. Accepted on 21st December 1970.

Comprises passing gas through molten metal so that it releases heat, the temperature of the molten metal is controlled by passing a cooling medium, the heat pick up of which may be altered into or through molten metal.

120468. Oisce-International Industrial Development Mission. A prime mover and a pump including the same. Accepted on 21st December 1970.

Comprising a frame and a rotor which consists of a shaft running in bearing mounted on the frame and carrying one or more equiangularly spaced blades fixed with the shaft.

120473. Alloys and Chemicals Corporation. Improvements in or relating to the purification of aluminium. (21st March 1968). Accepted on 21st December 1970.

Removing impurities from molten alloy of aluminium by treatment with chlorine or a reactive chlorine containing vapour in which aluminium is covered with a flux layer.

120482. Takeda Chemical Industries, Ltd. Pesticidal composition. Accepted on 21st December 1970.

Comprising a thiol sulphonic acid ester as active ingredient in admixture with one or more diluents or carriers and surface active agent.

120489. V. Venugopalan. Improvements in or relating to thimbles for pin type electric insulators of high voltage overhead power lines. Accepted on 21st December 1970.

A thimble of high density polyethylene group or flexible (plasticized) polyvinyl chloride or like thermoplastic material, is cemented inside the pin cavity of the porcelain insulator.

120496. Texas Instruments Incorporated. Method for fabricating integrated circuit. Accepted on 22nd December 1970.

Comprising the steps, forming a circuit on a substrate, applying insulator on the circuits, forming conductive feed through connections, testing the feed through connection.

121118. Phillips Petroleum Company. Method and apparatus for production of carbon black. Accepted on 17th December 1970.

Comprises introducing reactants into a first zone to form a first reactant mixture containing hydrocarbon further expanding said first reactant mixture into a zone into which is introduced and additional quantity of reactants and conducting the total reactant mixture into a zone in which the carbon black is formed.

121192. E. I. du Pont de Nemours and Company. Liquid herbicidal formulations of 1-(3-4, dichlorophenyl)-3-methoxy-3-methylurea and 2-chloro-*N*-isopropyl acetanilide. Accepted on 22nd December 1970.

*Comprising 15—50% of a mixture of 1-(3, 4-dichlorophenyl)-3-methoxy 3-methyl urea and 2-chloro-*N*-isopropyl acetanilide, said compounds being present respectively in the ratio of 1:1 to 1:3, and a suitable solvent system.*

121512. Jury Solomonovich Ioffe and Dmitry Abramovich Gitgarts. Device for protection of rectifier type frequency converter against overvoltages. Accepted on 24th December 1970.

Comprising an instrument transformer whose primary is connected to rectifiers of the frequency converter and secondary to sensitive elements.

121527. The British Aluminium Company Limited. Improvements in or relating to treatment of liquid metal. (31st May 1968). Accepted on 24th December 1970.

Removing non-metallic inclusions from molten metal comprising flowing the metal through a bed or layer of coarse refractory granules coated with a flux.

121827. Hindustan Vacuum Glass Limited. An improved neck piece for use in vacuum or thermoflasks. Accepted on 17th December 1970.

Threads, ridges or grooves are at their points of termination bent at an angle and substantially parallel to the axis of the neck for preventing over-tightening of the cup on the neck.

121838. H. Holloway. A railway tracks levelling and ballast tamping machine. Accepted on 16th December 1970.

There is provided one or more vibrating tools acting on the between sleepers space for simultaneously compressing and shifting ballast from such space to below the railway sleepers.

121852. Homes International, Inc. Method of producing a monolithic, concrete building structure and a building structure produced thereby. Accepted on 17th December 1970.

Providing an interior and an exterior form spaced apart to provide slab cavities forming a junction, installing reinforcement within the cavities to extend around the junction, fitting the cavities with expansive concrete, allowing the concrete to set sufficiently to develop bond between the concrete and the reinforcement, relieving at least one of the forms whereby at least part of the structure can move laterally in response to expansion of the concrete, and causing the concrete to further expand and completely set.

121854. Farbwerke Hoechst Aktiengesellschaft vormals Meister Lucius & Bruning. Mixtures of polyolefins of high impact strength having an improved transparency and process for their manufacture. Accepted on 17th December 1970.

Containing (a) 70 to 99.5% by weight of sequenced copolymer of propylene and ethylene of 1 to 30% by weight of ethylene and residual amounts of propylene and (b) 0.5 to 30% by weight of polyethylene of melt index η at 190°C within the range of from 0.4 to 80.

121855. Farbwerke Hoechst Aktiengesellschaft vormals Meister Lucius & Bruning. Process for the manufacture of polymers and moulded articles made therewith. Accepted on 17th December 1970.

Polymerizing ethylene or mixtures of ethylene with α -olefins in the presence of a mixed catalyst comprising the reaction product of a titanium compound and an inorganic acid (A) and an organo-aluminium compound, (B) wherein A is obtained by reacting tetravalent titanium compounds containing halogen atoms and alkoxy or aralkoxy groups with halogen containing magnesium compounds containing at least 1.5 moles of hydroxyl groups per gram of magnesium.

121856. Farbwerke Hoechst Aktiengesellschaft vormals Meister Lucius & Bruning. Process for the manufacture of polymers and moulded articles made therewith. Accepted on 17th December 1970.

Polymerizing ethylene or mixtures of ethylene with α -olefins in the presence of a mixed catalyst comprising the reaction product of a titanium compound and an inorganic solid (A) and an organo-aluminium compound, (B) wherein the component A is obtained by reacting tetravalent titanium compound containing halogen atoms and alkoxy and aralkoxy groups with halogen free magnesium compounds containing 0.1 to 2 moles of hydroxyl groups per gram atom of magnesium.

121864. Bau-Stahlgewebe G.M.B.H. Improvements in or relating to spot-welded reinforcing mats for use in reinforced concrete. Accepted on 18th December 1970.

Characterized in that the rods have profiles in the form of cold worked ribs with a specific surface, dependent on the diameter of approximately 0.040—0.065 mm.

121924. Nitro Nobel Ab. Detonating fuse. (18th July 1968). Accepted on 21st December 1970.

Comprising wrapping having 0.2 to 0.1 gram of explosive per running meter and distributed in such a manner coherent gas channel is formed in which reaction formed propagate in longitudinal direction.

121933. Arlo, Inc. A longitudinally extending column and method for developing the same. Accepted on 21st December 1970.

Anchoring a telescoping form including longitudinally aligned interlocking sections, pumping fluid concrete into said sections, maintaining fluid concrete pressure within said sections so as to rigidize the sections with respect to each other.

121949. Lansing Bagnall Limited. Improvements in industrial pallet and stillage trucks. (27th June 1968). Accepted on 18th December 1970.

Two rams each comprising a stationary part connected to the body portion and a moving part connected to the load-carrying portion and a linkage comprising two operative levers each pivotally connected at its fulcrum to root portion and directly to the lower end of stationary part of one ram.

121954. Research Corporation. Stirling cycle type thermal device. Accepted on 23rd December 1970.

Displacer piston mounted for reciprocation in displacer cylinder zone, a displacer piston rod connected at one end to said displacer piston and in fluid communication at the other end with a second zone, a power piston, and a power cylinder.

121963. Vsesojuzny nauchno-issledovatel'skiy i projektny institut po ochistke tekhnologicheskikh gasov stochnykh vod i ispyovovju vtorichnykh energoresursov predpriyatiy chernoi metallurgii. Method for manufacturing cooling members for cooling systems of metallurgical furnaces. Accepted on 17th December 1970.

Pouring molten iron into moulds in which steel pipes are laid for allowing the passage of a coolant characterised in that prior to pouring molten iron, the external surface of the pipes are coated with refractory materials.

121964. The Dunlop Company Limited. Improvements in or relating to tyres. Accepted on 17th December 1970.

Comprises a tread provided with at least one groove having a plurality of crossbars extending transversely across the bottom thereof, the spacing between adjacent crossbars being no greater than the width of the groove.

121965. The Dunlop Company Limited. Improvements in or relating to tyres. Accepted on 17th December 1970.

Comprises a tread provided with a plurality of slots having substantially parallel walls, at least one of said slots comprises a first portion extending radially inwardly from the tread surface and a second portion comprises slot segments extending radially inwardly of the first portion.

121990. F. R. Eshelman. Improved intrauterine birth control device. Accepted on 22nd December 1970.

Comprising first and second elements foldably secured together and adapted to fold over in a substantially superimposed position.

122025. Council of Scientific and Industrial Research. New support material for gas chromatography. Accepted on 19th December 1970.

Mineral attapulgite is powdered and size graded and then heated to 600–800°C for 4-5 hours and treated with hydro-chloric acid, followed by coating with suitable polar or non-polar stationary phase.

122050. Institut Francais Du Petrole, Des Carburants Et Lubrifiants. Improved process for growing algae. Accepted on 23rd December 1970.

By adding natural salted water to the culture medium and the step of with drawing by purging a part of said culture medium.

122098. Farbwerke Hoechst Aktiengesellschaft vormals Meister Lucius & Bruning. Stabilized moulding compositions from polymers of α -olefins and shaped articles made therewith. Accepted on 19th December 1970.

Moulding composition of polyolefins and a stabilizer mixture composed of (a) a phosphorus containing bisphenol and (b) a sulphur compound.

122178. Ramco Engineering Works. Improvements in or relating to brackets for supporting shafts. Accepted on 23rd December 1970.

Including a body formed of complementary portions and consisting of a front and rear walls with shaft openings with replaceable bushes and joined by a lateral wall having annular groove for the bearings.

122247. Colfax Laboratories (India) Private Limited. Improvements in or relating to closures for containers. Accepted on 24th December 1970.

An outer cap with a depending skirt provided with a circumferentially extending by and a plurality of ridges on its inner surface corresponding to the ridges on the outer surface of a depending skirt of an internal cap seal.

122286. Teijin Limited. Apparatus for automatic control of two take-up means by detecting the amount of tow on conveyor. Accepted on 24th December 1970.

Comprises a tow detector consisting of a hanging arm mounted on a rotatable means swingable by a forwarding tow on the conveyor, a magnet secured on said hanging arm and a lead switch controlling the take-up means.

122401. The General Industrial Society Limited. Improvements in or relating to sweeping trolleys. Accepted on 23rd December 1970.

Plurality of brushes provided on a rotatable frame mounted on a first free-wheel device and a second free-wheel device, a refuse-collecting chamber positioned radially adjacent said rotatable frame.

122430. International Standard Electric Corporation. Electric wave filter. (15th August 1968). Accepted on 22nd December 1970.

Comprising ground planes having a plurality of parallel rod elements supported between ground planes, one or other end of each rod elements is connected to ground plane.

122562. Owens-Corning Fiberglass Corporation. Method and apparatus for processing heat-softenable mineral materials. Accepted on 18th December 1970.

Includes the step of delivering heat-softenable mineral material into a rotating spinner, projecting the same through orifices by centrifugal forces forming primary filaments of the material, engaging a high velocity gaseous blast with primary filaments of the material whereby to attenuate primary filament to discrete fibers.

122938. Ruti Machinery Works Ltd. Weaving shuttle. Accepted on 19th December 1970.

The side walls of which comprises retaining means for a head of a bobbin and are interconnected by an elastic strip which extends in an opening.

123212. The Goodyear Tire & Rubber Company. Improvements in a sleeve for a tire building machine. Accepted on 19th December 1970.

Includes an inflatable body portion comprising an inner layer or core of a cured compounded elastomer and an outer layer of a polyurethane elastomer which extends around the ends of the inner layer.

123226. The British Petroleum Company Limited. Heterogeneous disproportionation catalyst and disproportionation process using the same. (6th November 1968). Accepted on 19th December 1970.

Comprising a salt of molybdenum or tungsten, an organometallic compound of the group IA, IIA, IIB, IIIB or IVB and a solid support.

123278. Knapsack Aktiengesellschaft. Process and apparatus for the manufacture of most finely pulverized red phosphorus. Accepted on 19th December 1970.

Comprises subjecting an aqueous suspension of red phosphorus with a particle size of between about 50 and 100 microns to pulverization with agitation to obtain particles with a size between 1 and 20 microns, prior to filtering the suspension.

123289. Council of Scientific and Industrial Research. Improvements in or relating to solution for stripping nickel deposits. Accepted on 24th December 1970.

Consisting of (i) nitric acid, (ii) sodium fluoride and (iii) inhibitors—organic compounds chosen from monosodium phosphate, monoammonium phosphate, ammonium hydrogen phosphate and monopotassium phosphate.

123341. Universal Oil Products Company. Hydrocarbon separation process. Accepted on 24th December 1970.

Comprising fractionating the effluent liquid into light and gasoline fraction separating them and absorbing the gaseous stream in first liquid stream, removing the rich oil and gaseous fraction followed by absorption of the second gaseous fraction in gasoline and removing a second oil rich stream.

123429. International Flavors & Fragrances Inc. Process for production of isochromans. Accepted on 24th December 1970.

Reacting Freidel Crafts reactant with ethylene oxide or propylene oxide in the presence of aluminium chloride to form an aryl-alleanol aluminium chloride complex, partially deactivating the aluminium chloride in the complex and adding for maldehyde.

123482. The Dunlop Company Limited. Improvements in or relating to the manufacture of pneumatic tyres. (17th October 1968). Accepted on 24th December 1970.

Comprises building a carcass of uncured rubberised cord material, applying uncured tread rubber to the carcass, inserting the uncured tyre into a mould, initially heating at least a part of the tread rubber and then increasing the pressure applied to the carcass interior to the full moulding pressure.

123909. Universal Oil Products Company. Internally insulated and lined pressure vessel. Accepted on 22nd December 1970.

Comprises an elongated tubular form upper lining section connected to the upper end of the chamber wall permitting vertical movement of the lower free end of the upper lining section, a separate lower lining section adapted to slidably lap the lower end of the upper section and a plurality of support members projecting through the

insulating material from the lower wall of the chamber to support the lower section at spaced points around the periphery of the chamber.

123956. Badische Anilin- & Soda-Fabrik Aktiengesellschaft. Process for dyeing polyester textile material and the dyed material. Accepted on 19th December 1970.

Using azlactone dye.

124046. Institut avtomatiki i telemekhaniki (tekhnicheskoi kibernetiki). Fluid element. Accepted on 22nd December 1970.

Comprising a turbulent amplifier with two control passages and means connected with a source of fluid under pressure which having a body with a plurality of side passages a like plurality of chambers and a like plurality of communication passages.

124484. Subhas Kumar Chatterjee and N. A. Leicester. Improved bicycle. Accepted on 22nd December 1970.

In this invention one or both of the rear and front wheels are provided with suspension device so that the ultimate contact with the frame member is by means of resilient members, which are so arranged as to take up all road shock and vibration and provide a cushioned ride.

124556. Philips Petroleum Company. Polyolefin compositions. Accepted on 19th December 1970.

Polyolefin composition containing therewith an organophosphonic or organophosphoric acid stabilizers.

124713. International Standard Electric Corporation. Frame synchronisation system. Accepted on 24th December 1970.

Comprising a source of binary information signal, first means to produce timing signals, second means coupled to the source and first means to examine information signal and to produce an output signal, and third means coupled to first and second means to provide control signal for timing adjustment of timing signals.

124872. Aktiebolaget Svenska Kullagerfabriken. A sealing means for a transmission mechanism. Accepted on 21st December 1970.

Having an element designed to bias the annular member axially away from the nut.

124886. The Enzymic Malt Company Limited and The Dixon Malt Company Limited. Process for the production of an acid malt. Accepted on 19th December 1970.

Includes the step of exposing chitted grain having an extract less than 75% of its potential extract and having a moisture content of 35% to 50% to an oxygen free atmosphere for at least 2 days at a temperature of 10°C to 36°C.

125105. Trafikaktiebolaget Grangesberg-Oxelösund. A method for producing an improved hydraulic binding agent for cold bound iron ore pellets from blast furnace slag. Accepted on 18th December 1970.

Slag in molten condition is blown with oxygen or air enriched with oxygen.

125909. N. V. Philips Gloeilampenfabrieken. Method of manufacturing a radiation-sensitive electronic device and device manufactured by using the method. Accepted on 9th December 1970.

Characterized in that on a first layer which is permeable to a second layer is provided of a metal which wets the first layer less readily than the grains, the grains are separated on the second layer the metal of the second layer is then melted and contracts between the grains and the first layer due to the occurring capillary forces.

125910. N. V. Philips Gloeilampenfabrieken. Semi-conductor device. Accepted on 24th December 1970.

Characterized in that a second zone of the first conductivity type is situated adjacent and spaced from the said first zone and surrounds the first zone entirely, the second zone being provided with a connection conductor.

128809. Imperial Chemical Industries Limited. Process for the manufacture of bipyridyls. [Divisional date 15th March 1969]. Accepted on 15th December 1970.

Oxidising the corresponding substituted pyridine with molecular oxygen in the vapour phase.

128810. Imperial Chemical Industries Limited. Process for the manufacture of novel substituted pyridines. [Divisional date 15th March 1969]. Accepted on 15th December 1970.

Reacting a substituted pyridine with a metal amide or an organo lithium compound and an alkylene oxide, sulphide or imine.

128811. Imperial Chemical Industries Limited. Process for the manufacture of substituted pyridines. (18th March 1968). [Divisional date 15th March 1969]. Accepted on 15th December 1970.

Reacting a 2' haloethyl-3-(pyridyl) propyl ether, thio ether or amine respectively with an active alkali metal compound.

128812. Imperial Chemical Industries Limited. Process for the manufacture of substituted pyridines. [Divisional date 15th March 1969]. Accepted on 15th December 1970.

Heating the corresponding 3-(pyridyl) pentanediol, dithiol or hydroxyl thiol at a temperature of at least 250°C.

128813. Imperial Chemical Industries Limited. Process for the manufacture of substituted pyridines. [Divisional date 15th March 1969]. Accepted on 15th December 1970.

Reacting the appropriate pyridyl lithium or pyridyl Grignard reagent with a 2 halo tetrahydro-pyran or a 2 halo tetra hydrothiopyran.

Opposition Proceedings

(1)

The opposition entered by Metallgesellschaft A. G. to the grant of a patent on application No. 84826, made by Yawata Iron & Steel Co. Limited, as notified in Part III, Section 2 of the Gazette of India, dated the 18th April 1964, has been successful. A patent will be sealed on the application, subject to amendment of the specification.

(2)

The opposition entered by Dilipbhai Champaklal Shah to the grant of a patent on application No. 107841, made by Manindra Nath Sanyal & Others, as notified in Part III, Section 2 of the Gazette of India, dated the 19th April 1969, has been treated as withdrawn.

(3)

Application for patent No. 110431, made by Godrej & Boyce Manufacturing Co. Private Limited in respect of which an opposition was entered by Arun Kumar, as notified in Part III, Section 2 of the Gazette of India, has been treated as abandoned.

Printed Specification Published

A limited number of printed copies of the undernoted specifications are available for sale from the Officer-in-Charge, Government of India, Central Book Depot, 8, Hastings Street, Calcutta, at two rupees per copy :—

95434. 95925. 96001. 96080. 96140. 96151. 96202. 96203. 96210. 96215. 96217. 96223. 96230. 96248. 96273. 96282. 96294. 96434. 96439. 96444. 96478. 96512. 96542. 96591. 96673. 96741. 96944. 97107. 97250. 97268. 97340. 97378.

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97701. 97717. 97780. 97808. 97832. 97878. 97881. 98922.
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Patents Sealed

117184. 117234. 117295. 117329. 117344. 117376. 117398.
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Part (II)

109575. 111190. 111480. 112461. 113102. 113114. 113115.
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Registration of Assignments, Licences etc. (Patents)

Assignments, licences or other transactions affecting the interests of the original patentees have been registered in the following cases. The number of each case is followed by the names of the parties claiming interests:—

| | | |
|--------|---|------------------------------|
| 89077 | } | M/s. Cf. & I Engineers, Inc. |
| 101404 | | |
| 101405 | | |
| 101406 | | |
| 49925 | } | M/s. Sendoz Ltd. |
| 59708 | | |
| 80823 | | |

Renewal Fees Paid

56339. 56364. 56377. 56410. 56439. 56452. 56598. 56656.
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114754. 115255. 115573. 115670. 115748. 118012.

Extension of the Term of Patent

Notice is hereby given that a petition under Section 15 of the Indian Patents and Designs Act, 1911 for extension of the term of patent No. 54658 for "Sky Advertisement" has been left at the Patent Office on behalf of Jaywant Gajanan Manerkar, resident of A/25/100, Chittaranjan Nagar, Rajawadi, Ghatkopar, Bombay-77. The petition may be inspected at the Patent Office, 214, Acharya Jagadish Bose Road, Calcutta-17. Any person desirous of opposing the grant of extension of the term of this patent shall within two months from the date of this notification lodge with the Controller of Patents and Designs at the above address, a notice on Form 6 of the Indian Patents and Designs Rules 1933 and shall at the same time serve a copy of such notice upon petitioners C/o. M/s. L. S. Davar & Co., Patent & Trade Mark Attorneys, 1 & 2 Old Court House Street, Calcutta-1.

Registration of Designs

The following designs have been registered. They are not open to inspection for a period of two years from the date of registration except as provided for in Section 50 of the Indian Patents and Designs Act.

The date shown in each entry is the date of registration of the designs including the entry.

The dates shown in crescent brackets are the dates claimed under Section 78-A of the Act.

- Class 1. No. 137489. Jawalasingh & Sons, G.T. Road, Goraya, District Jullundur, Punjab State, India, an Indian Partnership firm, "A beater for wheel of wheat thrasher", May 23, 1970.
- Class 1. No. 137668. Deco Arts Corporation, an Indian partnership firm, 215E, Maulana Azad Road, Rangoonwala Compound, Bombay-8/BC, Maharashtra, "Handles", July 3, 1970.
- Class 1. No. 137674. Govindbhai Gordhanbhai Patel, Nigo's Niketan, Patel Compound, 48-B, Lamington Road, (North), Bombay-8, State of Maharashtra, India, an Indian, "A burner", July 8, 1970.
- Class 1. No. 137681. Tiger Products Private Ltd., Marris Road, Aligarh (U.P.), India, An Indian Company, "A pillar cock", July 13, 1970.
- Class 1. No. 137684. Kishco Cutlery Manufacturing Co., an Indian Firm, 54/56, Empire Building, 138, D. N. Road, Bombay-1, (Maharashtra), "Spoon", July 13, 1970.
- Class 1. Nos. 137685 and 137686. Kishco Cutlery Manufacturing Co., an Indian Firm, 54/56, Empire Building, 138, D. N. Road, Bombay-1, (Maharashtra), "Fork", July 13, 1970.
- Class 1. Nos. 137692 and 137694. Raja Mechanical Co., Pvt. Ltd., 33, Deputy Ganj, Delhi, An Indian Private Limited Company, "Toy", July 13, 1970.
- Class 1. No. 137696. Agro Electricals, An Indian partnership firm, 78/2, Mukand Nagar, Ghaziabad (U.P.), "Coffee making machine", July 13, 1970.
- Class 1. No. 137714. Suryakant Hiralal Banavade (Naik), 652 Gurwar Peth, (130 Ganj Peth, old) Maharana Pratap Road, Poona-2, Maharashtra State, India, Indian, "Telephone dial controller body with cover", July 17, 1970.
- Class A. No. 137738. Veela (a proprietorship firm, Karawala Building, 3rd floor, Lohar Street, Bombay-2, (Maharashtra), "Key ring", July 27, 1970.
- Class 1. No. 137795. Salig Ram Sharma, Tamolipara, P.O. Aligarh (U.P.). Nationality—Indian, "The Steel window handle", August 10, 1970.
- Class 1. No. 137796. Salig Ram Sharma, Tamolipara, P.O. Aligarh (U.P.). Nationality—Indian, "The window catcher", August 10, 1970.
- Class 1. No. 137803. Sharco Industries Private Limited, Kashmere Gate, Post Box No. 1467, Delhi-6, a Private Joint Stock Company, registered under the Indian Companies Act, 1956, "Hacksaw Frame handle", August 11, 1970.
- Class 1. No. 137815. Anchor Pressings Private Limited, Marris Road, Aligarh, (U.P.), India, an Indian Company, "A window fastener", August 17, 1970.
- Class 1. Nos. 137804 to 137806. Sharco Industries Private Limited, Kashmere Gate, Post Box No. 1467, Delhi-6, a Private Joint Stock Company registered under the Indian Companies Act, 1956, "Electric horn", August 11, 1970.
- Class 1. No. 137823. Sardar Mal Jain, 39, Atish Market, Jaipur-2, Rajasthan, Indian National, "Bread manufacturing machine", August 17, 1970.
- Class 1. 138005. Jhaveri Bros. & Co., Pvt. Ltd., a Private Limited Company incorporated in India under the Indian Companies Act, 4th Floor "Jhaveri House", 348, Abdul Rehman Street, Near Crawford Market, Bombay-3, State of Maharashtra, India, "A door-gong", September 28, 1970.
- Class 1. Nos. 137924. and 137925. Bulbul Nanalal Shah, an Indian national 13, Lake Avenue, Calcutta 26, West Bengal, India, "Exploder", September 7, 1970.
- Class 3. No. 137250. Dugar Laboratories, Kankarbagh Road, Patna-16, Bihar, a Registered Indian Partnership firm, "Blood and saline transfusion gadget", March 16, 1970.
- Class 3. No. 137360. Raveshia Plasto Engineering Works (an Indian Partnership Firm), Room No. 25, 4th floor, Hemprakash, 90-92, Kazi Sayed Street, Bombay-3 (Maharashtra), "Wheel cap", May 2, 1970.
- Class 3. No. 137458. Parsi Dairy Farm, an Indian Partnership Firm, 261-263, Shamaldas Gandhi Marg, Bombay 2, State of Maharashtra, India, "A container", May 7, 1970.
- Class 3. No. 137475. Harshad Auto Parts, (Indian Proprietary Firm), 51/53, Mirza Street, Rajmilian, 5th floor, Bombay-3, Maharashtra, "Fan", May 16, 1970.
- Class 3. No. 137542. Polymer Products Company, Saki Vihar Road, Bombay-72, AS, Maharashtra State, India, an Indian Partnership firm, "Stud assembly for fixing the 'W.C. seat to the closet", June 2nd 1970.
- Class 3. No. 137596. En Kay (India) Rubber Company, 156-D, Kamla Nagar, Delhi 7, an Indian Partnership firm, "Foot mats", June 9, 1970.
- Class 3. No. 137604. Abdulhusein Saifudin Mahableshwarwala, an Indian National, 50, Khokha Bazar (previously known as Sarang Street), Bombay 3, State of Maharashtra, India, "Nipple of a feeding bottle", June 15, 1970.
- Class 3. No. 137605. Abdulhusein Saifudin Mahableshwarwala, an Indian National, 50, Khokha Bazar (previously known as Sarang Street), Bombay 3, State of Maharashtra, India, "Baby soother", June 15, 1970.
- Class 3. No. 137609. Dynam Plastics, Tamarind House, 36-Tamarind Lane, Fort, Bombay 1, Maharashtra State, Indian Partnership Firm, "Container", June 16, 1970.
- Class 3. No. 137614. Ascu Hickson Ltd., 7A Elgin Road, Calcutta 20, West Bengal, India, an Indian Company, "A timber pole assembly", June 16, 1970.
- Class 3. No. 137675. Jai Plastic Industries, An Indian Partnership firm, 4/A-B Industrial Estate Raipur, Madhya Pradesh, India, "Tumbler", July 8, 1970.
- Class 3. No. 137676. Jai Plastic Industries, An Indian Partnership firm, 4/A-B Industrial Estate Raipur, Madhya Pradesh, India, "Jug", July 8, 1970.
- Class 3. No. 137678. Prem Pal Malhotra, an Indian subject, care of Agricultural Implements and Brass Utensils, Jagadhri, District Ambala, Haryana State, "A toy elephant", July 9, 1970.
- Class 3. No. 137688. Asian Advertisers (an Indian partnership firm), 20, Kala Bhavan, 4th floor, 3, Mathew Road, Opera House, Bombay 4, Maharashtra, "Penstand", July 13, 1970.
- Class 3. No. 137715. Suryakant Hiralal Banavade (Naik), 652, Gurwar Peth, (130 Ganj Peth, Old), Maharana Pratap Road, Poona 2, Maharashtra State, India, Indian, "Telephone dial controller body with cover", July 17, 1970.
- Class 3. No. 137724. National Tape Co., a partnership firm registered in India, of Ferozpur Road, Ludhiana, East Punjab, India, "Plastic case for measuring tapes", July 20, 1970.
- Class 3. No. 137725. Bata Shoe Company Private Limited, a private limited company incorporated under the Indian Companies Act of 30, Shakespeare Sarani in the town of Calcutta, West Bengal, "A sole for footwear", July 21, 1970.

- Class 3. No. 137753. Bassani S.p.A., of C. so Porta Vittoria 9, Milan, Italy, an Italian Company, "A covering board of electrical units", July 29, 1970.
- Class 3. No. 137786. Vinis Products (Indian Partnership firm), B-21, Royal Optical Industrial Estate, 5B, Naigaum Cross Road, Wadala, Bombay 31, Maharashtra, "Container-cum-Water bag", August 6, 1970.
- Class 3. No. 137808. Narindar S. Uberoi & Bros. of National House, Tulloch Road, Appollo Bunder, Post Box No. 477, Bombay 1, Maharashtra State, India, an Indian partnership firm, "A clothes-peg", August 11, 1970.
- Class 3. No. 137935. Geep Flashlight Industries Limited, of 28, South Road Allahabad 1, U.P., India, an Indian Company, "A torch", September 9, 1970.
- Class 4. No. 137598. Sir G. C. Narang (Cosmetic), Industries Ltd., 3, Cavalry Lines, Delhi (India), an Indian Company, "A bottle" June 11, 1970.
- Class 4. No. 137617. Sir G. C. Narang (Cosmetics) Industries Ltd., 3, Cavalry Lines, Delhi 7, (India), an Indian Company, "A bottle", June 17, 1970.
- Class 4. Nos. 137682 and 137683. Modern Industries, (an Indian partnership firm), 36, Sainath Industrial Estate No. 2, Off Aarey Road, Goregaon East, Bombay 63, Maharashtra, "Bottle", July 13, 1970.
- Class 5. No. 137333. Miss Louisa Braganza, Indian National, proprietress of Messrs. Kiran Plastics, Savla Chambers, 40, Cawasji Patej Street, Bombay 1, State of Maharashtra, India, "Desk set", April 21, 1970.
- Class 8. No. 137716. Abdul Hamid Vohra, Indian National, P.O. Alleppey, Kerala, India, "Rubber Matting", July 20, 1970.

- Class 10. Nos. 137726 and 137727. Bata Shoe Company Private Limited, a private limited company incorporated under the Indian Companies Act of 30, Shakespeare Sarani, in the town of Calcutta, West Bengal, "Footwear", July 21, 1970.
- Class 10. Nos. 138011 and 138012. Universal Footwear Co. an Indian Partnership firm, 93, Queens Road, Bombay No. 1, Maharashtra State, "Footwear", September 28, 1970.
- Class 10. No. 137831. Bhikubhai Laxmichand Mehta an Indian National, an Indian Proprietary concern of Block No. 4, New Photoplay company's Industrial Estate, Station Road, Bhayander, Dist. Thana, Bombay, State of Maharashtra, India, "A footwear", August 22, 1970.
- Class 12. No. 137938. Zaffar Hussain, an Indian National at D-50, Seelampur, Nai Basti, Delhi-31, "Baby cradle", September 10, 1970.

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Nos. 127636 and 127880—Class 1.

REGISTRATION OF ASSIGNMENTS, LICENCES ETC. (DESIGNS)

Assignments, licences or other transaction affecting the interest of the original proprietors have been registered in the following cases. The number of each case is followed by the names of the applicants for registration :—

| | | |
|--------|---|---------------------------|
| 122858 | } | M/s. Herbertsons Limited. |
| 122859 | | |
| 122860 | | |

S. VEDARAMAN:
Controller General of Patents, Designs
and Trade Marks

